## **CLAIMS**

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1	1. A transmission for a wind generator, the transmission comprising		
2	a housing,		
3	a rotor supported in said housing,		
4	a multi-stage planetary transmission stage driven by said rotor, and		
5	a spur gear stage driven by said multi-stage planetary transmission stage, said		
6 11 17 18 18 19 10 11 10 10 10 10 10 10 10 10 10 10 10	spur gear stage driving at least one generator.		
<b>1</b> 8	2. A transmission as in claim 1 further comprising		
	an annular gear carrier fixed directly to said rotor,		
10	an annular gear fixed to said annular gear carrier, said multi-stage planetary		
<u>13</u> 111	ansmission stage including said annular gear.		
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The state of the s	3. A transmission as in claim 1 further comprising		
2	a pair of sliding contact bearings supporting said rotor in said housing, at least one		
3	of said bearings absorbing axial forces,		
4	an oil pump for raising said bearings hydrostatically, and		
5	means for controlling said oil pump so that said bearings can be switched between		
6	partially and fully hydrodynamic lubrication.		
1	4. A transmission as in claim 2 wherein said rotor and said annular gear		
2	carrier are formed integrally.		

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which are surface-hardened.

A transmission as in claim 2 wherein said annular gear has internal teeth

1	13. A transmission as in claim 1 further comprising
2	a flanged housing surrounding said spur gear stage, and
3	at least two output shafts arranged in said housing and driving respective
4	generators, each said output shaft having a pinion gear which engages said spur gear stage